



**Post-Doctoral Researcher (Machine Translation)
(Temporary Contract up to December 2012)**

The Centre for Next Generation Localisation (CNGL) is a DCU-led Science Foundation Ireland (SFI) funded Centre for Science Engineering and Technology directed by Prof. Josef van Genabith. CNGL is a €30M collaborative research centre that involves Dublin City University, Trinity College Dublin, University College Dublin, University of Limerick, and nine industrial partners who include world leaders in their respective fields.

Our work is guided by the vision of enabling people to interact with content, products and services in their own language, according to their own culture, and according to their own personal needs.

CNGL has a large and highly successful Machine Translation research group located in DCU as part of its Integrated Language Technology research strand, within which a small group are focused on Sign Language Machine Translation. We now wish to recruit an experienced postdoctoral researcher in the area of Sign Language Machine Translation on a fixed-term contract basis.

Duties and Responsibilities

Reporting directly to the Principal Investigator of the Integrated Language Technologies track, the post-holder will be responsible for research and student supervision, as well as management and reporting activities for a cross-discipline research team. Duties will include:

Research:

- Technical, developmental research in the area of sign languages, sign language machine translation, transcription, including duties such as producing research publications, attending conferences, reviewing.
- Liaising with related research individuals, groups and institutions with respect to collaboration and development of the wider research area
- Devising and writing research grant proposals to secure further funding
- In liaison with the Integrated Language Technology Principal Investigator the management of the Integrated Language Technology research sub-track on minority language Machine Translation including setting of goals and progress milestones.

Research Co-Ordination:

- Management of a cross-discipline research team from industry and academia
- Liaising with project management team with respect to deadlines
- Progress tracking, goal setting, task management and co-ordination of deliverables for research projects
- Acting as a central point of contact for large-scale demonstrator and representing the Machine Translation group
- Co-ordination of technical research across group members
- Collation of research progress and reporting to management team

Supervision:

- Directing and overseeing the research of related PhD candidates
- Overseeing undergraduate student projects

Experience and Skills Required

The ideal candidate will have demonstrated technical research experience in the area of Language Technology, particularly Sign Language Machine Translation, and research Co-ordination or management experience in a research project setting.

Experience with applied research or industry-funded research in an academic setting would be a distinct advantage. A graduate degree, preferably a PhD, in a Language Technology related area, is required.

Preferred qualifications and capabilities include:

- Working knowledge to carry out research in the area of language technology, machine translation and sign language
- Knowledge of a sign language, preferably Irish Sign Language
- Knowledge in and experience of using Sign Language transcription methods
- Excellent writing and verbal communication
- Strong analytical and planning skills
- Deadline and detail oriented
- Able to work well with a variety of investigators, and research staff across academic and commercial partners of the Centre
- Candidate should be able to work well as part of a team as well as on an individual basis
- Knowledge and/or experience working in an academic research environment
- Experience in preparing publications, documents, and reports
- Experience in grant application preparation

- Desirable but not required: experience managing/directing research project and/or grant based programs

Salary scale: €37,750 - €46,255

The successful candidate will be placed on the salary scale according to their qualifications and experience. This salary scale may be affected by the provisions of the 2011 Budget.

Closing date: 18th March 2011

Application Procedure

Application forms are available at: www.dcu.ie/vacancies/current.shtml and from Human Resources Department, Dublin City University, Dublin 9.

Tel: +353 (0)1 700 5149 Fax: +353 (0)1 700 5500 E-mail: hr.applications@dcu.ie

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